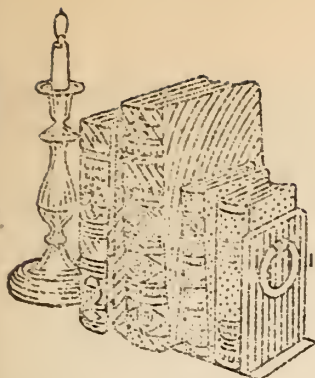


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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

ALBUQUERQUE BRANCH
P.O. Box 1348

Phone 6741-Ext. 108
Vol. 7, Nos. 7 - 8

220 East Central
Jan. & Feb. 1949

HOOVER REPORTS

Several of the Reports and Task Force Reports of The Commission on Organization of the Executive Branch of the Government (The Hoover Commission) have been received and are ready for circulation. The loan period is one week in Albuquerque - two weeks in the field. Send in your requests on USDA Library Request Form AD-245.

The following Reports are available:

BUDGETING AND ACCOUNTING 101 p. February 1949
DEPARTMENT OF AGRICULTURE 41 p. February 1949
OFFICE OF GENERAL SERVICES - SUPPLY ACTIVITIES 52 p. February 1949
PERSONNEL MANAGEMENT 59 p. February 1949

The following Task Force Reports are also available:

AGRICULTURE ACTIVITIES 112 p. January 1949
FEDERAL PERSONNEL 101 p. January 1949
THE FEDERAL SUPPLY SYSTEM 116 p. January 1949
FISCAL, BUDGETING, AND ACCOUNTING ACTIVITIES 110 p. January 1949
RECORDS MANAGEMENT 48 p. January 1949
STATISTICAL AGENCIES 21 p. January 1949

NEW BOOKS

AN AGRICULTURAL TESTAMENT, By Sir Albert Howard. 253 p. Oxford Univ. Press
1947 56.6 H83A

Louis Bromfield calls this "the best book I know on soil and the processes which take part in it."

The author calls attention to the loss of soil fertility brought about by the increase in crop and animal production that has led to a general unbalancing of farming practices, an increase in plant and animal diseases, and the loss of soil by erosion. These losses can be repaired, he contends, only by the application of the Indore Process for maintaining soil fertility by the manufacture of humus from vegetable and animal wastes.

AMERICA'S NEEDS AND RESOURCES, J. F. Dewhurst, editor. 812 p. Twentieth century fund 1947 280.12 D512

This book is a comprehensive survey of our present needs and resources, and an estimate of production and demands in 1950 and 1960. Here are records of production, consumption and economic change in the United States within recent decades together with basic data on population growth, national income, employment trends, natural resources, spending, housing, recreation and

AMERICA'S NEEDS AND RESOURCES (Cont.)

similar subjects.

The writer, the economist, the sociologist, the government administrator will find in this book basic data essential to intelligent planning and appraisal. USDA employees will be particularly interested in the section on Rural and Regional Development which gives information on conservation and development of crop and grazing lands, forest conservation, River Valley development, and resources and capacities.

This is not a book for "fireside reading", but everyone should become familiar with it to discover the information available. It is a veritable storehouse of facts for your articles, your speeches and your radio scripts. It is also, as N. I. Stone points out in his review "the strongest antidote to the technocratic and communist - inspired prophets of the impending collapse of our system of free enterprise."

BOOK OF SUCCESSFUL FIREPLACES: HOW TO BUILD THEM. Donley Brothers Co. 81 p.
1948 296 D71 Ed.13

Designs and simple directions contained in this pamphlet point the way to success in fireplace construction. There is a section on outdoor fireplaces and information on fireplace accessories.

THE COMMON COLD AND HOW TO FIGHT IT, By N. D. Fabricant. 107 p. Ziff-Davis
1945 448 F12

In non-medical language a nose and throat specialist tells what to do and what not to do to avoid possible infection. He debunks many popular notions about this, mankind's commonest and costliest ailment, and discusses the relative merits of cathartics, the well-advertised cold medicines, nose drops, vitamins, vaccines, sulfa drugs, penicillin and home remedies, with a view toward giving the layman money-saving fact concerning the limitations of their germ-fighting powers.

DIAGNOSTIC TECHNIQUES FOR SOILS AND CROPS, THEIR VALUE AND USE IN ESTIMATING THE FERTILITY STATUS OF SOILS AND NUTRITIONAL REQUIREMENTS OF CROPS, By Fireman E. Bear (and others) 308 p. American Potash Inst. 1948 395 B38D

Since the beginning of agricultural chemistry, one of the chief problems has been the determination of the fertilizer needs of the soil. At first, total chemical analysis was used. Later, quantitative and rapid soil and plant tests came into favor. Biological procedures also made their contribution. Visual diagnoses employing indicator crops for the usual nutrient deficiencies have been evolved for field use.

The authors of this book, all eminent scientists in their respective fields, have attempted to bring together in this one volume what is now known about diagnosing soil and crop for optimum production.

ELEMENTS OF NOMOGRAPHY, By R. D. Douglass 209 p. McGraw-Hill 1947 325 D74

A feature of this book, which presents seven elementary types of alignment charts, is the inclusion of the useful circular nomograph as a separate entity. There are many diagrams in natural size, and practical aids in the completion of the theoretical solution and drafting of the charts.

FARM SOILS; THEIR MANAGEMENT AND FERTILIZATION, By E. L. Worthing. 510 p. 4th Ed. Wiley 1948 56.7 W89

The fourth edition of this well known text contains new information and changes in recommended soil-management resulting from research work as well as from practices of leading farmers. Because of the growing interest in soil conservation, the discussion of erosion control and land use has been expanded into a separate chapter.

FARM SOILS; THEIR MANAGEMENT AND FERTILIZATION (Cont.)

All phases of soil management are treated in so far as they bear on the economic production of crops and on the permanency of the soil itself. Specific instructions are given for draining and tilling soils, for controlling erosion, and, more briefly, for irrigating land and practicing dry-land farming. Special emphasis is placed on such fertility practices as manuring, liming, fertilizing, and growing soil-improving crops.

FLOODS, THEIR HYDROLOGY AND CONTROL, By K. K. Barrows 432 p. McGraw-Hill 1948
290 B273F

The author has made an exhaustive study of methods, procedures, plans and specifications used by various federal and state agencies in their flood control plans and operations. The text is primarily directed toward the planning and establishment of larger flood control projects such as are initiated by the Corps of Engineers and the Bureau of Reclamation. Included also are descriptions of the major floods that have occurred in this country together with estimates of resulting damages.

FIVE HUNDRED VARIETIES OF HERBAGE AND FODDER PLANTS, By M. Hall 328 p.
(Commonwealth Bureau of Pastures and Field Crops. Bulletin no. 39)
Aberystwyth, Gt. Brit. 1943 64.8 Im7

"This work brings together in the first place information received from specialists in many parts of the world on crop varieties used in the feeding of farm stock. The notes have been made to give, in as concise a form as possible the necessary details regarding origin, adaptation, characteristics, and use of the strains in various countries, together with possibilities of obtaining supplies. Secondly, the index has been designed to supplement the first part, and contains references to published information on crop varieties compiled over a period of 17 years in the Commonwealth Bureau located at Aberystwyth."

Information note from Commonwealth Bureau of Pastures and Field Crops

THE NAVAHO, By Clyde Kluckhohn and Dorothea Leighton 258 p. Harvard Univ. press
1948 446 K69

What are the Navaho today? How do they live together and with other races? What is their philosophy of life? This authoritative study answers these and many other questions about the Navaho. The authors briefly review Navaho history from archaeological times to the present. They show the people's problems in coping with their physical environment; their social life among their own people; their contacts with other races and other Indians and especially with the Government. There is information on the sources of their livelihood: livestock, agriculture, wild plants and animals, lumber and minerals, arts and crafts.

The book also presents an impartial discussion of an interesting experiment in Government administration of a dependent. It will be read with interest by every one interested in the Indians and in the rural economy and sociology of the Southwest.

THE PRUNING BOOK, FRUIT TREES & ORNAMENTALS, By G. L. Wittrock. 175 p. Rodale Press 1948 90.12 W78

To get the best and most satisfying results from trees and shrubs each kind of woody plant must be pruned in a particular way and in the proper season. In this well illustrated guide the author gives advice on pruning orchard, shade trees, fruiting and ornamental shrubs, hedges, and evergreens.

RAINFALL AND RUNOFF, By Edgar E. Foster 487 p. Macmillan 1948 340 F81

This text on precipitation and runoff covers hydrological research done in the last two decades, with studies of the new methods and data of hydrologic analyses, such as unit graphs, snow surveys, studies in air masses, evaporation and frequencies. Uses of statistical methods underlying precipitation and flood control are demonstrated. The author believes that hydrology is the basic science in the utilization of water resources and shows specific illustrations from all parts of the United States in illustrating the application of hydrologic principles. There is a bibliography.

SOIL PHYSICS, by L. D. Baver 2nd Ed. 398 p. Wiley 1948 56.43 B32

The various phases of soil physics have grown rapidly in the past two decades and in this revised edition Dr. Baver discusses and explains the basic principles and recent information in this field. There is new material on: electron micrographs and clay particles; effect of microorganisms on soil structure; plowing; soil water; and raindrop effects on soil erosion.

The discussions on soil fertility, erosion and conservation make the book particularly pertinent for those engaged in developing the utmost productive efficiency of our natural resources.

THE STUDY OF PLANT COMMUNITIES: AN INTRODUCTION TO PLANT ECOLOGY, By H. J. Oosting 389 p. Freeman 1948 463.8 0092

Out of an introductory course in plant ecology the author has developed an unusually readable textbook. His plan "proceeds from a consideration of the nature and variation of communities to methods of distinguishing and describing them. This is followed by a discussion of the factors which limit, maintain, and modify communities, both locally and regionally. Thus the interrelationship between organisms and environment are emphasized and a foundation is laid for presentation of the concepts of succession and climax... Finally, the potentialities of the ecological point of view in practical considerations are emphasized by a survey of its possible and desirable applications in range management, agriculture, conservation, landscaping, forestry, and even human relations." Preface

WILDLIFE MANAGEMENT: UPLAND GAME AND GENERAL PRINCIPLES, By R. E. Trippensee 479 p. McGraw-Hill 1948 411.2 T73

A direct approach to the program of making the land produce sustained crops of wild animals. The book gives a summary of the life histories of important game animals of North America with techniques for their management. It discusses farm, forest and wilderness conditions as they relate to wild animals, and suggests ways of making the land tenable for occupancy by game animals.

There are chapters on diseases and parasites, on predation, the harvest of wild animals, game administration and training facilities in the field of wildlife management.

PERIODICAL NOTES

JOURNAL OF RANGE MANAGEMENT Quarterly Published by The American Society of Range Management. Signed articles, News and Notes, Book Reviews, and Current Literature on range management.

Let us know if you wish to see this new periodical on circulation.

ARIZONA HIGHWAYS The FEBRUARY issue is in the Library; JANUARY is available for circulation

CONSUMERS' REPORTS The FEBRUARY issue is in the Library; JANUARY is available for circulation

NEW MEXICO MAGAZINE The MARCH issue is in the Library; JANUARY and FEBRUARY are available for circulation.

NEW BULLETINS

ARIZONA HOME GARDENING Ariz. Ext. Serv. Circ. 130 1946 275.29 Ar47C
BEAUTIFYING NEW MEXICO HOMES N. M. Ext. Serv. 275.29 N463Bu
BIENNIAL REPORT 1946-1948 Utah Agr. Exp. Sta. Bul. 336 1949 100 Ut1B
CHILDREN AND MONEY - How do your children get what they want? Household Finance Corporation 1947 U.B. Home Econ.
CHILD'S SELF-HELP OVERALL USDA Leaflet no. 251 1948 1 Ag84L
THE COMPOSITION AND VALUE OF PINON NUTS. N. M. Agr. Exp. Sta. Bul. 344 1948 100 N46Sb
CONFERENCE REPORT ON COTTON INSECT RESEARCH AND CONTROL. Baton Rouge, Louisiana, November 8-10, 1948. U.S. Bur. of Ent. and Plant Quar. 1948 WFC
CONTROL OF ARIZONA ROSE DISEASES Ariz. Agr. Exp. Sta. Bul. 213 1948 100 Ar4B
COSTS AND RETURNS FROM PEACH PRODUCTION - Selected Areas, Utah 1947. Utah Agr. Exp. Sta. Bul. 334 1948 100 Ut1B
THE CULINARY QUALITIES AND NUTRITIVE VALUES OF POTATOES GROWN UPON DRY AND IRRIGATED LAND Wyo. Agr. Exp. Sta. Bul. 280 1947 100 W99b
CULTURE OF BARLEY IN COLORADO Colo. Agr. Exp. Sta. Tech. Bul. 39 1948 100 C71st
DISEASES OF ALFALFA IN NEVADA AND THEIR INFLUENCE ON CHOICE OF VARIETIES. Nevada Agr. Exp. Sta. Bul. 182 1948 100 N41sb
DRAINAGE DISTRICTS IN UTAH - THEIR ACTIVITIES AND NEEDS. Utah Agr. Exp. Sta. Bul. 333 1949 100 Ut1B
EVAPORATION - NEW MEXICO AND CONTIGUOUS AREAS. U.S. Weather Bur. Albuq. N.M. 1948
EXPERIMENTS IN ERADICATING FIELD BINDWEED. Ill. Agr. Exp. Sta. Bul. 525 1948
A FRUIT AND VEGETABLE BUYING GUIDE FOR CONSUMERS. USDA Misc. Pub. 167 Rev. 1948
HELPING FAMILIES PLAN FOOD BUDGETS. USDA Misc. Pub. 662 1948 1 Ag84M
IRRIGATED PASTURES. Idaho Ext. Bul. 174 1948 275.29 Id13
THE IRRIGATION OF SXP COTTON ON CLAY LOAM SOILS IN THE SALT RIVER VALLEY. Ariz. Agr. Exp. Sta. Bul. 210 1947 100 Ar4B
THE MEETING WILL COME TO ORDER. Mich. Ext. Serv. Bul. 294 1948 275.29 M58B
MINK RAISING USDA Circ. 801 1948 1 Ag84C
LEGUME INOCULATION - WHAT IT IS, WHAT IT DOES. USDA Farmers' Bul. 2003 1948 1 Ag84
NUTRITIVE REQUIREMENTS AND FEED FORMULAS FOR CHICKENS. USDA Circ. 788 1948 1 Ag84C
OAT VARIETY AND CULTURAL TESTS IN OKLAHOMA, 1925-1947 Okla. Agr. Exp. Sta. Tech. Bul. T-33 1948 100 Ok4t
PREVENTING AND REMOVING MILDEN - HOME METHODS. USDA AIS-72 1948 1 Ag84Ai
THE PROPERTIES OF LONGLEAF PINE OLEORESIN AS AFFECTED BY TREE CHARACTERISTICS AND MANAGEMENT PRACTICES. U.S. Bur. of Agr. and Ind. Chem. AIC-191 1948 1.932 A2Ag82
RATES OF RUNOFF FOR THE DESIGN OF CONSERVATION STRUCTURES IN THE HIGH PLAINS OF COLORADO AND NEW MEXICO. U.S. Soil Conservation Service SCS-TP-66 1948 1.96 Ad6Tp
RECLAMATION OF SALINE-ALKALI SOILS BY LEACHING - DELTA AREA, UTAH. Utah Agr. Exp. Sta. Bul. 335 1948 100 Ut1B
SOIL, SOIL MANAGEMENT AND SOIL CONSERVATION - A MANUAL FOR YOUTH GROUPS. S.D. Agr. Ext. Serv. Circ. 436 1948 275.29 So82c
2,4-D AS A WEED KILLER IN OREGON. Oregon Ext. Bul. 687 1948 275.29 Or32B
UPLAND COTTON PRODUCTION IN ARIZONA Ariz. Agr. Exp. Sta. Bul. 214 1948 100 Ar4B
USING 2,4-D SAFELY USDA Farmers' Bul. 2005 1948 1 Ag84F
The U.S. Weather Bureau in Albuquerque is issuing a series of CLIMATOLOGICAL SUMMARIES for selected stations in the state. We have received summaries for ALBUQUERQUE, ARTESIA, CARLSBAD, PORTALES, LAS VEGAS, ROSWELL, SANTA FE, AND SILVER CITY.

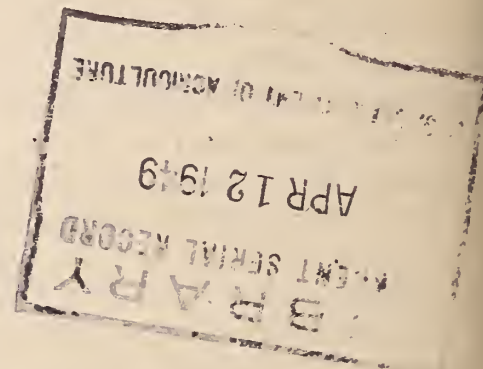
SUBJECT PACKETS

Would you be interested in receiving a series of packets on a variety of agricultural subjects? Each packet would be devoted to a single subject and consist of ten or more current bulletins, reprints and photoprint copies of periodical articles

If a sufficient number express an interest in this type of extension service a circulating system will be set up and the packets will come to you automatically at regular intervals.

Some of the subjects suggested by member of the Library Committee are:

- Irrigated Pastures
- Range Management
- Range Reseeding
- Public Relations
- New Agricultural Techniques
- Soil Fertility
- Green Manuring
- Farm Safety
- Vegetable Growing and Marketing
- Personnel Management
- Weed Control



Let us know by April 1 if you wish to participate in this program. Let us know too what subjects you would like to have covered. This will be your program - your suggestions will help us in selecting material pertinent to your work.

RESERVE LISTS

The reserve lists on several of the new books mentioned in the Newsletter are growing by leaps and bounds. As we told you in the last Newsletter the purchase of books is limited to a single copy of any one title. This means that in some cases as many as thirty people are waiting to read the books which are in great demand.

We sincerely regret the delay in getting the new books to you. Every effort is made to keep them moving. Occasionally we are able to borrow an extra copy from one of the other USDA branch libraries which helps to speed up the circulation.

You, our borrowers, can help to improve this service by reading the new books as soon as they are received and returning them to the Library on or before the due date.

Another suggestion - check the Newsletter regularly and send in your requests. By doing this your name will be on several lists insuring a constant flow of the new books to your desk.

Here are the books with long waiting lists. PLEASE RETURN THESE BOOKS PROMPTLY.

- AERIAL PHOTOGRAPHS IN FORESTRY
- ARTICLE WRITING & MARKETING
- BUSINESS OF FARMING
- CHEMICALS, HUMUS AND THE SOIL
- CROP MANAGEMENT AND SOIL CONSERVATION
- FARM MANUAL - Popular Mech. Press
- FARMER'S HANDBOOK
- FERTILITY & MANAGEMENT OF IRRIGATED SOILS
- HOW TO GET THINGS DONE

- KNOWING YOUR TREES
- OUR PLUNDERED PLANET
- PLANTS AND ENVIRONMENT
- PSYCHOLOGY OF EVERYDAY LIVING
- RESPONSE OF CROPS AND SOILS TO FERTILIZERS AND MANURES
- ROAD TO SURVIVAL
- TECHNIQUE OF GETTING THINGS DONE
- WESTERN VEGETABLE PRODUCTION
- WILD ANIMALS OF THE ROCKIES

